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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

03/18/2004

EXAMINER

Thomas N. Giaccherini Anglin & Giaccherini Post Office Box 1146 Carmel Valley, CA 93924 GREGORY, BERNARR E

ART UNIT PAPER NUMBER

3662

DATE MAILED: 03/18/2004

1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	09/770,237	01/26/2001	Ronald J. Kane	TER2000-1	6796

TITLE OF INVENTION: BODY MOTION TRACKING SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	VES	\$665	\$300	\$965	06/18/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 7590 03/18/2004 Thomas N. Giaccherini Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below. Anglin & Giaccherini Post Office Box 1146 Carmel Valley, CA 93924 (Depositor's name (Signature (Date) ATTORNEY DOCKET NO. CONFIRMATION NO. FIRST NAMED INVENTOR APPLICATION NO. FILING DATE 09/770,237 01/26/2001 Ronald J. Kane TER2000-1 TITLE OF INVENTION: BODY MOTION TRACKING SYSTEM ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE APPLN. TYPE SMALL ENTITY \$965 06/18/2004 YES \$665 nonprovisional **EXAMINER** ART UNIT CLASS-SUBCLASS GREGORY, BERNARR E 3662 342-028000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer attorneys or agents. If no name is listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent); individual a corporation or other private group entity 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): ☐ Issue Fee A check in the amount of the fee(s) is enclosed. ☐ Publication Fee ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number ______ (enclose an extra copy of this form). Advance Order - # of Copies _ Deposit Account Number Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Date) (Authorized Signature) NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or oth interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILI	NG DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/770,237	01/26/2001		Ronald J. Kane	TER2000-1	6796
7:	590	03/18/2004		EXAM	NER
Thomas N. Giaccherini			GREGORY, BERNARR E		
Anglin & Giaccher Post Office Box 11		ART UNIT PAPER NUM		PAPER NUMBER	
Carmel Valley, CA	rmel Valley, CA 93924			3662	
			DATE MAILED: 03/18/2004		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 269 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 269 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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Application No.	Applicant(s)	
09/770.237	KANE ET AL.	
Examiner	Art Unit	
Bernarr E. Gregory	3662	
(OR REMAINS) CLOSED in this apport or other appropriate communication GHTS. This application is subject to and MPEP 1308.	plication. If not includent will be mailed in due	ed course. THIS
sation of 04 March 2004.		
e Examiner.		
of this communication to file a reply ENT of this application. itted. Note the attached EXAMINER as reason(s) why the oath or declarate to be submitted. son's Patent Drawing Review (PTO- as Amendment / Comment or in the Comment or in the Comment of the drawing he header according to 37 CFR 1.121(sit of BIOLOGICAL MATERIAL results).	national stage applical complying with the recomplying that the discount of the discount o	quirements IOTICE OF
6. ☐ Interview Summary Paper No./Mail Da 8), 7. ☐ Examiner's Amendr	(PTO-413), te ment/Comment ent of Reasons for Allo	owance
	Examiner Bernarr E. Gregory Pars on the cover sheet with the composition of the appropriate communication of the application is subject to and MPEP 1308. Station of 04 March 2004. Be Examiner. Been received. Been received in Application Nocuments have been received in this communication. Bether this application. Bether this application. Bether this communication to file a reply ENT of this application. Bether this application to file a reply extend this application. Bether this application to file a reply extend this application. Bether this application to file a reply extend this application. Bether this application to file a reply extend this application to file a reply extend this application. Bether this application to file a reply extend this application to file a reply extend this application. Bether this application to file a reply extend this application this application to file a reply extend this application this application this application this	Examiner Bernarr E. Gregory ars on the cover sheet with the correspondence addr. (OR REMAINS) CLOSED in this application. If not include or other appropriate communication will be mailed in due GHTS. This application is subject to withdrawal from issuland MPEP 1308. sation of 04 March 2004. Examiner. Ider 35 U.S.C. § 119(a)-(d) or (f). been received. been received in Application No currents have been received in this national stage application for this application. Ider 35 U.S.C. § 119(a)-(d) or (f). Idea a reply complying with the received in this national stage application for this application. Idea (A) the the attached EXAMINER'S AMENDMENT or New reason(s) why the oath or declaration is deficient. In the besubmitted. In the besubmitted. In the oath or in the Office action of the header according to 37 GFR 1.121(d). Is of BIOLOGICAL MATERIAL must be submitted. If the header according to 37 GFR 1.121(d). In the or in the DEPOSIT OF BIOLOGICAL MATERIAL. 5. Notice of Informal Patent Application (PTC) and the paper No./Mail Date The Examiner's Statement of Reasons for Alice and the paper of the paper

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Art Unit: 3662

1. In a telephonic conversation, Applicants' attorney authorized the examiner to disable to hyperlink noted in the Office Action under Ex Parte Quayle.

2. The following is an examiner's statement of reasons for allowance:

None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants' claimed method as set forth in independent claim 1 that is particularly characterized at least by the claimed method steps of "providing a plurality of widely-spaced receiving antennas ..."; "measuring a phase difference ($\Delta \phi 1$) ..."; "changing a physical position of said transmitter ..."; and "estimating a change ..." taken together and taken in the overall context of independent claim 1.

Dependent claims 2-12 are allowable for at least the reasons for which claim 1 is allowable.

None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants' claimed apparatus as set forth in independent claim 13 that is particularly characterized at least by the claimed "plurality of widely-spaced receiving antennas ..."; the device that measures "phase difference ($\Delta \phi 1$) ..." and the device that measures "phase difference ($\Delta \phi 1$) ..." and the device that measures (82) in said physical position ..." taken together and taken in the overall context of independent claim 13.

Dependent claims 14-18 are allowable for at least the reasons for which claim 13 is allowable.

None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants' claimed method as set forth in independent claim 19 that is particularly characterized at least by the claimed method steps of "representing a length ..."; "assuming a plurality of values ..."; "measuring a phase difference ..."; "selecting one of said plurality of values ..."; and "iterating said calculations ..." taken together and taken in the overall context of independent claim 19.

Dependent claims 20 and 23-29 are allowable for at least the reasons for which claim 19 is allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernarr E. Gregory whose telephone number is (703) 306-5765. The examiner can normally be reached on weekdays from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas H. Tarcza, can be reached on (703) 306-4171. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 09/770,237

Art Unit: 3662

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Bernarr E. Gregory

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Primary Examiner

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